

MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION SAVINGS BLDG.

HELENA, MONTANA

Vol. XVII. No. 7

HELENA INDEPENDENT-RECORD
HELENA, MONTANA

July, 1969

Production of crude oil and condensate from the oil and gas areas of Montana for the month of July 1969, averaged 122,906 barrels daily, a decrease of 776 barrels from the average June production of 123,682.

The nine refineries in the state processed 126,820 barrels of crude oil daily for the month of July, 1969, an increase of 11,216 barrels from the 115,604 barrels processed daily during the month of June, 1969.

During July 105 wells were completed, 26 oil, 2 gas and 77 dry holes.

During July the commission issued 79 permits to drill new wells, a decrease of 3 from the 82 permits issued during June.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF JULY, 1969

IN STORAGE JULY 1st	
By Producers	406,318
By Transporters	1,460,308
By Refiners	1,100,279
TOTAL STORAGE	2,966,905
Produced in Montana During Month	3,810,099
Imported During Month	2,965,917
TOTALS	9,742,921
DISPOSITION:	
Refined in Montana	3,795,125
Exported	2,899,927
Used for Fuel or Lost	11,719
TOTAL	6,706,771
IN STORAGE JULY 31st	
By Producers	389,157
By Transporters	1,422,638
By Refiners	1,224,355
TOTAL STORAGE	3,036,150

NATURAL GAS WITHDRAWALS IN MONTANA

Month of July, 1969

Field	M. Cu. Ft.
Bears Den	0
Bell Creek	875,229
Big Coulee	32,613
Blackjack	31,426
Bowdoin	51,686
Bowes	39,183
Cabin Creek	113,545
Cedar Creek	64,924
Cut Bank (Including Reagan)	486,053
Devon	0
Dry Creek	7,154
Elk Basin	89,882
Flat Coulee	6,842
Gold Butte	4,832
Golden Dome	0
Grandview	34,031
Hardin	2,978
Keith Block	157,403
Kevin Sunburst	29,228
Lake Basin	102,259
Middle Butte	2,239
Mt. Lilly	0
Pine	63,253
Plevna	3,157
Squaw Coulee	54,450
Tiger Ridge	35,827
Utopia	0
Whitlash	86,620
Miscellaneous	256,187
TOTAL	2,631,001

Total withdrawals for July, 1968
were 1,613,826

PRODUCERS REPORT—MONTH OF JULY, 1969

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	288	2,466		2,404		350
1	Bannatyne	1	704	545	421			828
	Bascom		494					494
5	Bear's Den	6	1,802	1,334		1,206		1,930
85	Bell Creek	368	76,324	1,148,094	1,152,128		2,568	69,722
	Benrud		478					478
2	Benrud East	2	1,610	15,968	16,110			1,468
1	Benrud Northeast	1	1,703	4,086	4,990			799
	Berthelote		689					689
6	Big Wall	19	2,194	13,969	14,627			1,536
5	Blackfoot	6	1,970	2,948	1,231	2,067		1,620
5	Border	5		1,832		1,832		
1	Bowes	61	2,950	13,927	13,904			2,973
1	Bradley	1	752	682	834			600
2	Brady	2	489	363	555			297
3	Brorson-Madison	3	1,197	6,152	5,904			1,445
6	Brorson-Red River	6	2,630	43,562		43,393	540	2,259
3	Brorson-Red River South	3	3,681	28,007		26,986		4,702
2	Cabin Creek	97		310,870	310,870			
13	Cat Creek	66	3,255	14,870	11,201	3,429		3,495
1	Clark's Fork	1	43	133		158		18
2	Conrad South	2	662	1,109	1,109			662
1	Cow Creek	1	331	3,000	3,000			331
1	Cupton	1	1,796	1,126		1,766		1,156
138	Cut Bank	872	68,360	446,673	447,261	1,028	1,319	65,425
2	Deer Creek	3	708	2,669	2,269			1,108
1	Delphia	1	326	253				579
1	Devil's Basin	1	671	17				688
1	Dwyer	14	4,747	20,118	19,512			5,353
4	Elk Basin	55	2,300	202,560	202,933			1,927
5	Elk Basin Northwest	14	8,153	10,986	10,770			8,369
9	Fairview	10	7,453	62,646	60,815			9,284
2	Fertile Prairie	2	677	1,574	1,390			861
9	Flat Coulee	28	4,775	11,874	11,477			5,172
39	Flat Lake	56	7,055	67,872	69,087			5,840
2	Flat Lake South	2	1,188	4,731	4,751			1,168
2	Frannie	2		843	843			
21	Fred & George Creek	42	4,290	58,312	59,497			3,105
1	Gage	1	96	117		126		87
1	Gage Southwest	1	94	178		242		30
3	Gas City	22	5,899	28,240	27,511			6,628
11	Glendive	14	3,313	29,316	25,176	5,426		2,027
26	Goose Lake	33	6,120	52,567	52,559			6,128
9	Graben Coulee	23	4,567	6,442	6,129	1,447		3,433
	Grandview		528					528
3	Gypsy Basin	3	924	500		591		528
2	Hay Creek	2	511	18,164	18,338			833
7	Hiawatha	7	5204	14,680	15,108			337
	Hibbard		447					4,776
1	Injun Creek	1	726	350		94		353
6	Ivanhoe	11	2,410	7,498	7,574	350		726
7	Keg Coulee	24	3,464	8,512	8,137			2,334
2	Keg Coulee North	2	639	710	875			3,839
1	Kelley	5	740	8,118	7,956			474
86	Kevin Sunburst	440	14,911	26,690	21,218	6,561		902
8	Laird Creek	11	622	8,840		9,099	13	13,822
1	Leary	1		4,419		1,671		350
1	Little Beaver	29		28,684	28,684			2,748
2	Little Beaver East*	15	1,813	20,545	20,193			
2	Lodge Grass	2	1,571	2,190		2,481	35	2,165
3	Lookout Butte (Coral Creek)	34	406	70,966	70,610			1,245
	Mackay Dome		1,139					762
2	Mason Lake	2	693	775	1,034			1,139
3	Melstone	5	1,405	2,340	1,803	397		434
1	Mineral Bench	1	354	1,365	877			1,545
1	Miner's Coulee	1	107	505		505		842
9	Monarch	10	4,004	21,104	20,969			107
4	Mosser	4		936		936		4,139
2	Outlook	10	7,201	19,981	23,774			3,408
1	Outlook South	1	723	3,108		2,714		1,117
2	Outlook West	2	2,010	2,344		3,383		971
3	Pennel-Lookout Butte	139	10,071	152,151	152,610		172	9,440
4	Pine	119	17,974	306,438	307,042			17,370
1	Pole Creek	1	954	1,700		2,004		650
60	Pondera	284	7,579	29,058	28,419			8,218
4	Poplar	67	9,019	57,350	56,663		11	9,695
5	Poplar Northwest	6	2,149	12,261	13,442			968
1	Prairie Elk	1	1,598	626	1,000			1,224
4	Ragged Point	12	4,556	4,654	4,630			4,580
2	Rattlesnake Coulee	2	527	1,809	1,143			1,193
2	Reagan	46	549	24,496	24,381			664
1	Red Creek	25		20,559	20,559			
1	Red Fox	1	390	6,212	6,219			383
2	Redstone	2	521	5,175	4,902			794
1	Repeat	1	349	1,234		922		661
4	Reserve	4	193	20,614		20,614		193
1	Richey	1	774	25	436			363
1	Richey Southwest	6	1,263	3,688	3,701			1,250
1	Rush Mountain	1	998	3,950		4,257		691
6	Sand Creek	8	1,945	11,127	9,950			3,122
1	Shotgun Creek	1	516	1,327		1,487		356
1	Sidney	1	888	68		68		888
1	Snyder	3	154	1,020		895		279
8	Soap Creek	19	3,282	5,285		5,342	1	3,224
1	Spring Lake	2	2,659	2,336		2,455		2,540
1	Stensvad	12	2,288	12,998	13,382			1,904
22	Sumatra	81	8,413	42,481	40,158			10,736
5	Tule Creek	6	4,131	36,731		38,203		2,659
2	Tule Creek East	2	848	15,139		15,502		485
2	Tule Creek South	3	2,028	5,491		6,092	42	1,385
2	Vida	2	998	1,378	1,967			409
5	Volt	5	2,459	15,087	15,044			2,502
3	Weed Creek	3	322	11,026	10,400		46	902
4	Weldon	11	1,792	42,006	41,821			1,977
1	West Butte	1		3,656		3,656		
17	Whitlash	28	8,643	15,569	15,457		211	8,544
2	Whitlash West	2	795	354	598			551
3	Wills Creek South	3	196	3,611	3,457			350
6	Wolf Springs	8	3,746	5,004	6,033			2,717
3	Woodrow	3	257	2,614	2,683			188
1	Wildcat, Blaine C ty	1	343	374		140		577
	Wildcat, Carbon C ty		723					723
4	Wildcat, Glacier C ty	5	2,128	1,156	1,155		3	2,126
1	Wildcat, Liberty C ty	1	261	123				384
1	Wildcat, Powder River C ty	1	909	364		583		690
2	Wildcat, Richland C ty	2	842	6,285		5,968	23	1,136
3	Wildcat, Roosevelt C ty	3	3,537	16,285		17,537		2,285
1	Wildcat, Sheridan C ty	1	431	368				799
	Wildcat, Stillwater C ty		1,282					1,282
2	Wildcat, Toole C ty	2		1,626	1,626			
1	Wildcat, Wibaux C ty	1	652	855		1,367		140
807	Total	3,413	406,318	3,810,099	3,574,892	247,384	4,984	389,157

Total Oil Produced & Shipped From Leases

	Bbls. Produced	Daily Average	Bbls Shipped	Daily Average
Year, 1968	48,460,579	132,406	48,370,779	132,161
First Quarter, 1969	11,151,766	123,908	11,176,241	124,180
Second Quarter, 1969	11,081,285	121,772	11,072,056	121,671
July, 1969	3,810,099	122,906	3,822,276	123,299

Oil In Storage

	In Producers Field Tank	In Transporters Storage†	In Refiners Storage‡	Total oil In Storage‡
December, 1968	448,662	1,346,295	813,963	2,608,920
March, 1969	411,717	1,346,785	981,174	2,739,676
June, 1969	406,318	1,460,308	1,100,279	2,966,905
July, 1969	389,157	1,422,638	1,224,355	3,036,150

*Montana Oil Only

†Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF JULY, 1969

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,404				2,404		
BEAR'S DEN—Truck			1,206				1,206		
BELL CREEK—Pipelines		1,152,128					451,977	700,151	
BIG WALL— Continental Pipeline Co.		14,627				14,627			
BLACKFOOT— Camerland Cardinal Corp.			2,067					2,067	
BORDER—Truck			1,832					1,832	
BOWES—Texaco Inc.		13,904				13,904			
BRORSON-MADISON—Pipelines		5,904						5,904	
BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH— Rock Island Oil & Ref. Co.			70,379				70,379		
CABIN CREEK & OTHERS* Butte Pipeline Co.	315,900	911,874	8,114	1,291,336			2,168,694		358,530
Shell Pipeline Co.	6,774	233,225			(601)			235,557	5,043
	322,674	1,145,099	8,114	1,291,336	(601)		2,168,694	235,557	363,573
CAT CREEK— Continental Pipeline Co.		11,201				11,201			
Truck			3,429			3,429			
		11,201	3,429			14,630			
CLARK'S FORK—Truck			158				158		
COW CREEK— Western Crude Oil, Inc.		2,000					2,000		
CUT BANK— Continental Pipeline Co.			22,887	404,980				427,867	
Phillips Petroleum Co.	94,277	61,524		47,874	2,022	123,743			77,910
Texas Pipeline Co.	23,985	94,626		44,010	614			132,766	29,241
Union Oil Co.	122,211	90,933		28,030	796	143,724			96,654
Western Oil Trans. Co.		45,993						45,993	
Western Oil Trans. (Moulton)		76,558						76,558	
	240,473	369,634	22,887	524,894	3,432	267,467		683,184	203,805
DWYER—Portal Pipeline Co.		19,225					19,225		
ELK BASIN & ELK BASIN NORTHWEST— Marathon Pipeline Co.		213,083				213,083			
FAIRVIEW—Fairview Pipeline Co.		60,815					60,815		
FLAT COULEE— Camerland Cardinal Corp.		9,983						9,983	
FLAT LAKE & FLAT LAKE SOUTH— Portal Pipeline Co.		63,706					63,706		
FRANNIE—Interstate Pipeline Co.		843					843		
FRED & GEORGE CREEK— Camerland Cardinal Corp.	13,879	63,380				50,538		18,312	8,409
GAGE & GAGE SOUTHWEST— Truck			368			368			
GLENDIVE, DEER CREEK WOODROW & SAND CREEK— Texas Pipeline Co.	8,692	33,476			(425)			35,595	6,998
GOOSE LAKE— Portal Pipeline Co.		48,812					48,812		
HAY CREEK— Fairview Pipeline Co.		18,338					18,338		
HIAWATHA— Continental Pipeline Co.		14,692					14,692		
HIBBARD—Truck			94			94			
INJUN CREEK—Permian Corp.			350				350		
IVANHOE— Continental Pipeline Co.		7,595				7,149	446		
KEG COULEE & KEG COULEE NORTH— Continental Pipeline Co.		9,953				7,765	2,188		
KELLEY— Continental Pipeline Co.		7,956				7,956			
KEVIN SUNBURST— Big West Oil Co.	4,734	17,425				18,145			4,014
Homestake Oil & Gas Co.	1,217	2,162				2,619			760
Texas Pipeline Co.	6,970	10,419		7,846	463			17,680	7,092
	12,921	30,006		7,846	463	20,764		17,680	11,866
LEARY—Truck			1,671				1,671		
LODGE GRASS—Truck			2,481			2,481			
MASON LAKE— Continental Pipeline Co.		1,034				1,034			
MELSTONE—Truck			397					397	
Continental Pipeline Co.		1,803				1,803		397	
		1,803	397			1,803			
MOSSER—Truck			936				936		
OUTLOOK—Portal Pipeline Co.		11,978					11,978		
OUTLOOK WEST— Rock Island Oil & Ref. Co.			6,097				6,097		
POLE CREEK—Truck			2,004				2,004		
PONDERA—Phillips Petr. Co.	48,639	31,201			305	32,582			46,953
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT— East Poplar Gathering System	14,021	128,173			96			129,402‡	12,696
RAGGED POINT— Continental Pipeline Co.		7,637				7,637			
RED CREEK— Western Oil Transportation Co.		23,688						23,688	
RESERVE—Truck			20,614				20,614		
RUSH MOUNTAIN— Sinclair Refining Co.			4,257				4,257		
SHOTGUN CREEK—Truck			1,487				1,487		
SIDNEY—Truck			68					68	
SNYDER—Truck			895			895			
SOAP CREEK—Truck			5,342					5,342	
SPRING LAKE— Rock Island Oil & Ref. Co.			2,455					2,455	
SUMATRA & STENSVD— Continental Pipeline Co.	795,267	59,940		989,975	2,186	37,905		1,046,384	758,707
TULE CREEK— Tesero Petr. Corp.	3,742		59,797			53,908			9,631
WEED CREEK— Continental Pipeline Co.		10,400				10,400			
WHITLASH & WHITLASH WEST— Camerland Cardinal Corp.		17,637				14,972		2,665	
WOLF SPRINGS— Continental Pipeline Co.		6,033				6,033			
WILDCAT WELLS—Truck			25,595				25,595		
TOTALS	1,460,308	3,615,884	247,384	2,814,051	5,456	787,995	3,000,872	2,920,666	1,422,638

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JULY, 1969

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall		14,627								14,627
Bowes			10,906							10,906
Cat Creek		2,218		18,253		4,642				25,113
Cut Bank	51,397						121,083		120,070	292,550
Delphia						553				553
Elk Basin		82,788		57,910	72,385					213,083
Fred & George Creek	50,538									50,538
Gage & Gage S. W.						1,023				1,023
Hibbard						411				411
Ivanhoe		7,149								7,149
Keg Coulee		2,836		4,929						7,765
Kelley					7,956					7,956
Kevin Sunburst	20,764									20,764
Lodge Grass		2,481								2,481
Mason Lake		1,034		1,803						1,034
Melstone							19,495			1,803
Pondera				7,637						19,495
Ragged Point						631				7,637
Sand Creek										631
Snyder		895								895
Sumatra & Stensvad		14,091		22,639	1,175			73,484		37,905
Tule Creek										73,484
Weed Creek					10,400					10,400
Whitlash							14,972			14,972
Wolf Springs					6,033					6,033
Total Montana Oil	122,699	128,119	10,906	113,171	97,949	7,260	155,550	73,484	120,070	829,208
Canadian Oil Imported		417,186			4,167					421,353
Wyoming Oil Imported		779,166		631,908	1,133,490					2,544,564
Total Montana, Canadian, and Wyoming Oil	122,699	1,324,471	10,906	745,079	1,235,606	7,260	155,550	73,484	120,070	3,795,125

AVERAGE BARRELS PER DAY

	AVERAGE BARRELS PER DAY			PERCENTAGE OF CRUDE OIL REFINED			
	Montana	Canada	Wyoming	Total	Montana	Canada	Wyoming
Year, 1968	26,482	21,007	64,842	112,331	23.57%	18.70%	57.73%
July, 1968	26,748	13,592	82,083	122,423	21.85%	11.10%	67.05%
July, 1969	27,299	22,128	77,393	126,820	21.53%	17.45%	61.02%